

a' -- Figure 1 shows the cellular apoptosis of CFR-f cells represented by Annexin V-FITC and PI-staining.

Figure 2 shows the results of a grip test of muscle strength.

Figure 3 shows bone induction by femoral trabecular bone volume (TBV).

Figure 4 shows the osteoblastic differentiation of CFU-f represented by alkaline phosphatase histochemistry (ALP).

Figure 5 shows the cellular proliferation of CFU-f represented by BrdU.

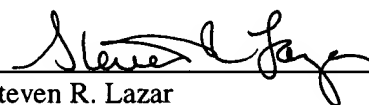
Figure 6 shows the cellular apoptosis of CFR-f cells represented by DAPI staining. -

REMARKS

It is respectfully submitted that the Preliminary Amendment should be entered since it is directed solely to amendments of the specification unrelated to scope of the claims. No new matter was introduced. Applicants respectfully request incorporation of these amendments in the above-identified patent application and favorable considerations is desired.

In the event the Examiner deems personal contact desirable in further disposition of this case, he is respectfully requested to call the undersigned.

Respectfully submitted,



Steven R. Lazar
Reg. No. 32,618
Attorney for Applicants
(617) 498-8260

Date: 10/6/98

Legal Affairs
Genetics Institute, Inc.

RECEIVED
98 OCT 14 AM 7:49
GROUP 180

U.S.S.N.: 09/148,234
Filed: September 9, 1998
Page 3

87 CambridgePark Drive
Cambridge, MA 02140

Date: October 6, 1998

N:\PATENTS\AMEND\5298A\prelim.doc